

WHAT IS CLAIMED IS:

1. A combining device capable of being embedded into an embedded object comprising:

5 an embedding unit having a first end to be embedded into an embedded object and a second end having an elastic buckling means;

a hollow coupling unit having an inner surface which is formed as a channel;

10 wherein in assembly, the second end of the embedding unit is combined with a load and then the elastic buckling means is inserted into the channel of the hollow coupling unit so that the embedding unit is tightly engaged with the hollow coupling unit; and the first end is received in the embedded object so that the embedded object loading the weight of the load.

15 2. The combining device capable of being embedded into an embedded object as claimed in claim 1, further comprising a sliding sleeve for enclosing the second end of the embedding unit to reduce the friction force between the embedding unit and the hollow coupling unit as the second end of the embedding unit is received in the hollow coupling unit.

20 3. The combining device capable of being embedded into an embedded object as claimed in claim 1, wherein an outer surface of the first end of the embedding unit is formed with a plurality of tapered rings; each tapered ring has a plane portion vertically to the outer surface of the first end, an annular surface parallel to the bottom thereof and a tapered surface extends 25 from the annular surface to the outer surface of the first end; a narrow part of the tapered ring is further away from the second end than the bottom thereof;

30 wherein in combining, annular surface of each tapered ring tightly engages to the embedded object for providing a react force to support an heavy object.

4. The combining device capable of being embedded into an object as

claimed in claim 1, wherein the second end is a biforked elastic buckling posts which are arranged oppositely; a front end of each buckling post has a hook; when the embedding unit is inserted into the hollow coupling unit; the hook of the buckling post will be buckled in the channel of the
5 hollow coupling unit.

5. The combining device capable of being embedded into an object as claimed in claim 1, wherein the second end is formed by four elastic buckling posts which are arranged oppositely; a front end of each buckling post has a hook; when the embedding unit is inserted into the hollow
10 coupling unit; the hook of the buckling post will be buckled in the channel of the hollow coupling unit.